

Armando Carlone

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8609522/publications.pdf>

Version: 2024-02-01

53
papers

5,318
citations

159358

30
h-index

155451

55
g-index

82
all docs

82
docs citations

82
times ranked

3675
citing authors

#	ARTICLE	IF	CITATIONS
1	Polycationic Rh ⁺ JosiPhos Polymers Supported on Phosphotungstic Acid/Al ₂ O ₃ by Multiple Electrostatic Attractions. ACS Catalysis, 2022, 12, 2034-2044.	5.5	2
2	NMR relaxation time measurements of solvent effects in an organocatalysed asymmetric aldol reaction over silica SBA-15 supported proline. Reaction Chemistry and Engineering, 2022, 7, 269-274.	1.9	14
3	Impact of Design of Experiments in the Optimisation of Catalytic Reactions in Academia. Synthesis, 2022, 54, 4246-4256.	1.2	4
4	DoE-Driven Development of an Organocatalytic Enantioselective Addition of Acetaldehyde to Nitrostyrenes in Water**. Chemistry - A European Journal, 2022, , .	1.7	7
5	Boron-Based Lewis Acid Catalysis: Challenges and Perspectives. Catalysts, 2022, 12, 5.	1.6	26
6	Insights into Substituent Effects of Benzaldehyde Derivatives in a Heterogeneous Organocatalyzed Aldol Reaction. ChemCatChem, 2022, 14, .	1.8	6
7	Asymmetric Organocatalysis Accelerated via Self-Assembled Minimal Structures. European Journal of Organic Chemistry, 2021, 2021, 5403-5406.	1.2	6
8	Asymmetric Organocatalysis and Continuous Chemistry for an Efficient and Cost-Competitive Process to Pregabalin. Organic Process Research and Development, 2021, 25, 2795-2805.	1.3	9
9	Organocatalyzed Michael Addition to Nitroalkenes via Masked Acetaldehyde. Catalysts, 2020, 10, 1296.	1.6	6
10	Advancements in the recycling of organocatalysts: From classical to alternative approaches. Current Opinion in Green and Sustainable Chemistry, 2020, 25, 100387.	3.2	19
11	Iridium(III) Complexes with Fluorinated Phenyl-tetrazoles as Cyclometalating Ligands: Enhanced Excited-State Energy and Blue Emission. Inorganic Chemistry, 2020, 59, 16238-16250.	1.9	12
12	Triarylborane catalysed <i>N</i> -alkylation of amines with aryl esters. Catalysis Science and Technology, 2020, 10, 7523-7530.	2.1	8
13	Palladium-catalyzed regio- and stereoselective synthesis of aryl and 3-indolyl-substituted 4-methylene-3,4-dihydroisoquinolin-1(2 <i>H</i>)-ones. Beilstein Journal of Organic Chemistry, 2020, 16, 1084-1091.	1.3	5
14	Influence of structurally related micelle forming surfactants on the antioxidant activity of natural substances. Chemistry and Physics of Lipids, 2019, 225, 104818.	1.5	10
15	Enantioselective organocatalytic approaches to active pharmaceutical ingredients – selected industrial examples. Physical Sciences Reviews, 2019, 4, .	0.8	16
16	Organocatalysis and Beyond: Activating Reactions with Two Catalytic Species. Catalysts, 2019, 9, 928.	1.6	26
17	Diverse exploitation of Brønsted acid catalysts – paving the way for simple access to enantioenriched amines. Organic Chemistry Frontiers, 2017, 4, 1651-1654.	2.3	1
18	An autonomous chemically fuelled small-molecule motor. Nature, 2016, 534, 235-240.	13.7	370

#	ARTICLE	IF	CITATIONS
19	Organocatalytic Asymmetric Conjugate Additions to Cyclopent-1-enecarbaldehyde: A Critical Assessment of Organocatalytic Approaches towards the Telaprevir Bicyclic Core. <i>Chemistry - A European Journal</i> , 2015, 21, 19208-19222.	1.7	15
20	Kinetic Resolution of Oxazinones: Rational Exploration of Chemical Space through the Design of Experiments. <i>Chemistry - A European Journal</i> , 2014, 20, 11768-11775.	1.7	21
21	A Three-Compartment Chemically-Driven Molecular Information Ratchet. <i>Journal of the American Chemical Society</i> , 2012, 134, 8321-8323.	6.6	115
22	A Small Molecule that Walks Non-Directionally Along a Track Without External Intervention. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5480-5483.	7.2	43
23	A Rotaxane-Based Switchable Organocatalyst. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5166-5169.	7.2	232
24	Inside Back Cover: A Small Molecule that Walks Non-Directionally Along a Track Without External Intervention (<i>Angew. Chem. Int. Ed.</i> 22/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5505-5505.	7.2	0
25	Magnesium perchlorate as efficient Lewis acid for the Knoevenagel condensation between β -diketones and aldehydes. <i>Tetrahedron Letters</i> , 2008, 49, 2555-2557.	0.7	79
26	Quaternary Stereogenic Carbon Atoms in Complex Molecules by an Asymmetric, Organocatalytic, Triple-Cascade Reaction. <i>Chemistry - A European Journal</i> , 2008, 14, 4788-4791.	1.7	104
27	Asymmetric Aminocatalysis "Gold Rush in Organic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6138-6171.	7.2	1,175
28	Aminocatalytic Enantioselective Mannich Reaction of Aldehydes with In-Situ Generated N-Cbz and N-Boc Imines. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8700-8702.	7.2	98
29	Organocatalytic Asymmetric Sulfa-Michael Addition to α,β -Unsaturated Ketones. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 49-53.	2.1	145
30	Magnesium Perchlorate as Efficient Lewis Acid: A Simple and Convenient Route to 1,4-Dihydropyridines. <i>Synlett</i> , 2007, 2007, 2897-2901.	1.0	9
31	Reaction of Dicarbonates with Carboxylic Acids Catalyzed by Weak Lewis Acids: General Method for the Synthesis of Anhydrides and Esters. <i>Synthesis</i> , 2007, 2007, 3489-3496.	1.2	57
32	Organocatalytic asymmetric hydrophosphination of nitroalkenes. <i>Chemical Communications</i> , 2007, , 722-724.	2.2	93
33	Organocatalytic Asymmetric Friedel-Crafts Alkylation of Indoles with Simple α,β -Unsaturated Ketones. <i>Organic Letters</i> , 2007, 9, 1403-1405.	2.4	300
34	A New Approach for an Organocatalytic Multicomponent Domino Asymmetric Reaction. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1101-1104.	7.2	245
35	Organocatalytic Asymmetric Hydrophosphination of α,β -Unsaturated Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4504-4506.	7.2	164
36	Organocatalytic Asymmetric Selenenylation of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6882-6885.	7.2	99

#	ARTICLE	IF	CITATIONS
37	Organocatalytic Asymmetric α -Hydroxylation of α,β -Unsaturated Ketones. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5492-5495.	1.2	79
38	A simple asymmetric organocatalytic approach to optically active cyclohexenones. <i>Chemical Communications</i> , 2006, , 4928-4930.	2.2	204
39	Alcohols and Di-tert-butyl Dicarboxylate: How the Nature of the Lewis Acid Catalyst May Address the Reaction to the Synthesis of tert-Butyl Ethers. <i>Journal of Organic Chemistry</i> , 2006, 71, 9580-9588.	1.7	44
40	Organocatalytic Asymmetric α -Halogenation of 1,3-Dicarbonyl Compounds.. <i>ChemInform</i> , 2006, 37, no.	0.1	0
41	Organocatalytic Asymmetric Conjugate Addition of 1,3-Dicarbonyl Compounds to Maleimides. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4966-4970.	7.2	147
42	Organocatalytic Asymmetric α -Halogenation of 1,3-Dicarbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 340-340.	7.2	0
43	A New, Mild, General and Efficient Route to Aryl Ethyl Carbonates in Solvent-Free Conditions Promoted by Magnesium Perchlorate. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 4429-4434.	1.2	18
44	tert-Butyl Ethers: Renaissance of an Alcohol Protecting Group. Facile Cleavage with Cerium(III) Chloride/Sodium Iodide. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 905-910.	2.1	32
45	The First Simple Method of Protection of Hydroxy Compounds as their O-Boc Derivatives under Lewis Acid Catalysis. <i>Synlett</i> , 2006, 2006, 2104-2108.	1.0	22
46	Organocatalytic Asymmetric α -Halogenation of 1,3-Dicarbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6219-6222.	7.2	91
47	Asymmetric Catalytic Synthesis of Enantiopure N-Protected 1,2-Amino Alcohols.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
48	Direct Catalytic Synthesis of Enantiopure 5-Substituted Oxazolidinones from Racemic Terminal Epoxides.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
49	Direct Catalytic Synthesis of Enantiopure 5-Substituted Oxazolidinones from Racemic Terminal Epoxides. <i>Organic Letters</i> , 2005, 7, 1983-1985.	2.4	53
50	Asymmetric Aminolysis of Aromatic Epoxides: A Facile Catalytic Enantioselective Synthesis of anti- β -Amino Alcohols.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
51	Asymmetric Catalytic Synthesis of Enantiopure N-Protected 1,2-Amino Alcohols. <i>Organic Letters</i> , 2004, 6, 3973-3975.	2.4	89
52	Asymmetric Aminolysis of Aromatic Epoxides: A Facile Catalytic Enantioselective Synthesis of anti- β -Amino Alcohols. <i>Organic Letters</i> , 2004, 6, 2173-2176.	2.4	116
53	Turning renewable feedstocks into a valuable and efficient punctually chiral phosphate salt catalyst. <i>Asian Journal of Organic Chemistry</i> , 0, , .	1.3	2